

GenCore version 5.1.6  
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OM protein - protein search, using SW model

Run on: February 17, 2005, 12:55:24 ; Search time 18.9381 Seconds  
 (without alignments)  
 421.767 Million cell updates/sec

Title: US-09-766-535A-3  
 Perfect score: 557  
 Sequence: 1 DILITQSPAILSVPGERV.....CQOSHSMWPTFGGTNLLEVK 107

Scoring table: BLOSUM62  
 Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

## ALIGNMENTS

## RESULT 1

US-09-192-102-3

; Sequence 3 , Application US/08192102

; Patent No. 5656272

## GENERAL INFORMATION:

APPLICANT: Le, Junning  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter E.  
 APPLICANT: Ghayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott A.  
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
 NUMBER OF SEQUENCES: 19

; CORRESPONDENCE ADDRESS:

ADDRESSES: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: Massachusetts  
 COUNTRY: USA

ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/192,102

FILING DATE: 04-FEB-1994  
 CLASIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/192,093

FILING DATE: 04-FEB-1994  
 CLASIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/013,413

FILING DATE: 11-SEP-1992  
 CLASIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/010,406

FILING DATE: 18-MAR-1992  
 CLASIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/670,827

FILING DATE: 18-MAR-1991  
 CLASIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Brook, David E.  
 REGISTRATION NUMBER: 22,592

Post-processing: Minimum Match 0%  
 Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA:  
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 2: /cgn2\_6/ptodata/1/iaa/5B\_COMB.pep:  
 3: /cgn2\_6/ptodata/1/iaa/6A\_COMB.pep:  
 4: /cgn2\_6/ptodata/1/iaa/6B\_COMB.pep:  
 5: /cgn2\_6/ptodata/1/iaa/PCITS\_COMB.pep:  
 6: /cgn2\_6/ptodata/1/iaa/backfiles.pep:  
 \*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	557	100.0	107	1	US-08-192-102-3	Sequence 3 , Appli
2	557	100.0	107	1	US-08-324-799-3	Sequence 3 , Appli
3	557	100.0	107	2	US-08-192-861A-3	Sequence 3 , Appli
4	557	100.0	107	3	US-09-133-119-3	Sequence 3 , Appli
5	557	100.0	107	3	US-08-192-093A-3	Sequence 3 , Appli
6	557	100.0	107	4	US-09-756-301B-3	Sequence 3 , Appli
7	557	100.0	107	4	US-09-756-398B-3	Sequence 3 , Appli
8	506	90.8	107	2	US-08-242-081B-40	Sequence 40 , Appli
9	502	90.1	244	4	US-09-244-369B-1	Sequence 1 , Appli
10	502	90.1	244	4	US-09-940-391-1	Sequence 1 , Appli
11	500	89.8	239	2	US-07-954-399-4	Sequence 4 , Appli
12	498	89.4	240	2	US-07-956-301B-3	Sequence 2 , Appli
13	496	89.0	106	1	US-08-326-362B-4	Sequence 4 , Appli
14	494	88.7	107	2	US-08-476-176B-4	Sequence 4 , Appli
15	494	88.7	107	3	US-08-12-722A-4	Sequence 4 , Appli
16	494	88.7	107	3	US-08-485-246A-4	Sequence 4 , Appli
17	490	88.0	106	2	US-08-808-198-4	Sequence 4 , Appli
18	490	88.0	106	3	US-09-295-595-4	Sequence 4 , Appli
19	490	88.0	240	2	US-08-800-198-8	Sequence 8 , Appli
20	490	88.0	240	3	US-09-295-595-8	Sequence 8 , Appli
21	492	84.7	143	2	US-08-653-402B-8	Sequence 20 , Appli
22	436	78.3	107	1	US-08-436-463-20	Sequence 27 , Appli
23	436	78.3	108	4	US-09-23-290-27	Sequence 4 , Appli
24	436	78.3	109	1	US-07-942-245-4	Sequence 1 , Appli
25	433	77.7	107	1	US-08-107-669D-1	Sequence 1 , Appli
26	433	77.7	107	1	US-08-47-788A-1	Sequence 1 , Appli
27	433	77.7	107	2	US-08-477-531B-1	Sequence 1 , Appli

REFERENCE/DOCKET NUMBER: NYU93-01M3  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 861-6240  
 TELEFAX: (617) 861-9540  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 107 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-192-102-3

Query Match 100.0%; score 57; DB 1; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.6e-46;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILITQSPAILSVSPGERVSFSCASQFQSSIIHWYQORTNGSPRILKYASESMSGIPS 60  
 Db 1 DILITQSPAILSVSPGERVSFSCASQFQSSIIHWYQORTNGSPRILKYASESMSGIPS 60

Qy 61 RFSGSGGTDFLTSINTVSESDIADYQQSHSWPFTFGSTNLLEVK 107  
 Db 61 RFSGSGGTDFLTSINTVSESDIADYQQSHSWPFTFGSTNLLEVK 107

RESULT 2  
 US-08-192-799-3  
 Sequence 3, Application US/08324799  
 Patent No. 5698195  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junning  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter E.  
 APPLICANT: Ghrayeb, John M.  
 APPLICANT: Siegel, Scott A.  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02173  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/324,799  
 FILING DATE: 18-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,093  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,102  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,861  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/013,413  
 FILING DATE: 02-FEB-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/010,406  
 FILING DATE: 29-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/943,852  
 FILING DATE: 11-SEP-1992  
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/853,606  
 FILING DATE: 18-MAR-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/670,827  
 FILING DATE: 18-MAR-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brook, David E.  
 REGISTRATION NUMBER: 22,592  
 REFERENCE/DOCKET NUMBER: NYU93-01M4  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 861-6240  
 TELEFAX: (617) 861-9540  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 107 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-324-799-3

Query Match 100.0%; score 557; DB 1; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.6e-46;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILITQSPAILSVSPGERVSFSCASQFQSSIIHWYQORTNGSPRILKYASESMSGIPS 60  
 Db 1 DILITQSPAILSVSPGERVSFSCASQFQSSIIHWYQORTNGSPRILKYASESMSGIPS 60

Qy 61 RFSGSGGTDFLTSINTVSESDIADYQQSHSWPFTFGSTNLLEVK 107  
 Db 61 RFSGSGGTDFLTSINTVSESDIADYQQSHSWPFTFGSTNLLEVK 107

RESULT 3  
 US-08-192-861A-3  
 Sequence 3, Application US/08192861A  
 Patent No. 5919452  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junning  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter E.  
 APPLICANT: Ghrayeb, John M.  
 APPLICANT: Siegel, Scott A.  
 APPLICANT: Knight, David M.  
 APPLICANT: Sigafoos, John  
 TITLE OF INVENTION: METHODS OF TREATING TNF-`-MEDIATED DISEASE USING CHIMERIC ANTI-TNF ANTIBODIES (As Amended)

NUMBER OF SEQUENCES: 19  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02173  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/192,861  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,861  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/013,413  
 FILING DATE: 02-FEB-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/010,406  
 FILING DATE: 29-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/943,852  
 FILING DATE: 11-SEP-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/853,606

FILING DATE: 18-MAR-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/670, 827  
 FILING DATE: 18-MAR-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brook, David E.  
 REGISTRATION NUMBER: 22, 592  
 REPERCOURTATION NUMBER: NYU93-01M2  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (781) 861-6240  
 TELEFAX: (781) 861-9540  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 107 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-192-861A-3

Query Match 100.0%; Score 557; DB 2; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.6e-16;  
 Matches 107; Conservative 0; Mismatches 0; Gaps 0;

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Qy	61 RFSGSGSGCTDFTLISINTVSESDIADTYCQSHSWPFTFGSCTNLVYK 107	Db	61 RFSGSGSGCTDFTLISINTVSESDIADTYCQSHSWPFTFGSCTNLVYK 107

RESULT 4  
 US-09-133-119-3  
 Sequence 3, Application US/09133119  
 Patent No. 6277969

GENERAL INFORMATION:  
 APPLICANT: Le, Junming  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter E.  
 APPLICANT: Chryeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott A.  
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES  
 TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR  
 NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/133,119  
 FILING DATE:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/570, 674  
 FILING DATE: 11-DEC-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/324, 799  
 FILING DATE: 18-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192, 093  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192, 102  
 FILING DATE: 04-FEB-1994

RESULT 5  
 US-08-192-093A-3  
 Sequence 3, Application US/08192093A  
 Patent No. 6284471

GENERAL INFORMATION:  
 APPLICANT: Le, Junming  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter B.  
 APPLICANT: Chryeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott A.  
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
 NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/133,119  
 FILING DATE:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/570, 674  
 FILING DATE: 11-DEC-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/324, 799  
 FILING DATE: 18-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192, 093  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192, 102  
 FILING DATE: 04-FEB-1994

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APPLICATION NUMBER: US/08/192,093A
FILING DATE: 04-FEB-1994
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/013,413
FILING DATE: 02-FEB-1993
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/010,406
FILING DATE: 29-JAN-1993
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/943,852
FILING DATE: 11-SEP-1992
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/853,606
FILING DATE: 18-MAR-1992
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/670,827
FILING DATE: 18-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFERENCE DOCKET NUMBER: NYU93-01M3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 107 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-192-093A-3

Query Match 100.0%; Score 557; DB 3; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.6e-46;
Matches 107; Conservative 0; Mismatches 0; Gaps 0;
Indels 0; Gaps 0;

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Db 1 DILLTQSPAILSVSPGRVSPCRASQFGVSSIIHWYQORTNGSPRLIYKASEMSMGIPS 60
Qy 61 RFSGSGSGTDFTLSSINTVSEDIADYYCQOSHMPFTFGSGTNLLEVK 107
Db 61 RFSGSGSGTDFTLSSINTVSEDIADYYCQOSHMPFTFGSGTNLLEVK 107

RESULT 6
US-09-756-301B-3
Sequence 3, Application US/09756301B
Patent No. 6790444
GENERAL INFORMATION:
APPLICANT: Le, Junning
APPLICANT: Vilcek, Jan
APPLICANT: Daddona, Peter
APPLICANT: Ghrayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
MOLECULE TYPE: Human Tumor Necrosis Factor
FILE REFERENCE: 0975.1005-006
CURRENT APPLICATION NUMBER: US/09/756,398B
CURRENT FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: U.S. 09/133,119
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: U.S. 08/570,674
PRIOR FILING DATE: 1995-12-11
PRIOR APPLICATION NUMBER: U.S. 08/324,799
PRIOR FILING DATE: 1994-10-18
PRIOR APPLICATION NUMBER: U.S. 08/192,102
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,861
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,093
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/010,406
PRIOR FILING DATE: 1993-01-29
PRIOR APPLICATION NUMBER: U.S. 08/013,413
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: U.S. 07/943,852
PRIOR FILING DATE: 1992-09-11
PRIOR APPLICATION NUMBER: U.S. 07/853,606
PRIOR FILING DATE: 1992-03-18
PRIOR APPLICATION NUMBER: U.S. 08/07/670,827
PRIOR FILING DATE: 1991-03-18
NUMBER OF SEQ ID NOS: 19

RESULT 7
US-09-756-398B-3
Sequence 3, Application US/09756398B
Patent No. 6835833
GENERAL INFORMATION:
APPLICANT: Le, Junning
APPLICANT: Vilcek, Jan
APPLICANT: Daddona, Peter
APPLICANT: Ghrayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION: Human Tumor Necrosis Factor
FILE REFERENCE: 0975.1005-006
CURRENT APPLICATION NUMBER: US/09/756,398B
CURRENT FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: U.S. 09/133,119
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: U.S. 08/570,674
PRIOR FILING DATE: 1995-12-11
PRIOR APPLICATION NUMBER: U.S. 08/324,799
PRIOR FILING DATE: 1994-10-18
PRIOR APPLICATION NUMBER: U.S. 08/192,102
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,861
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,093
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/010,406
PRIOR FILING DATE: 1993-01-29
PRIOR APPLICATION NUMBER: U.S. 08/013,413
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: U.S. 07/943,852
PRIOR FILING DATE: 1992-09-11
PRIOR APPLICATION NUMBER: U.S. 07/853,606
PRIOR FILING DATE: 1992-03-18
PRIOR APPLICATION NUMBER: U.S. 08/07/670,827
PRIOR FILING DATE: 1991-03-18
NUMBER OF SEQ ID NOS: 19

Software: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 1.07
TYPE: PRT

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i ORGANISM: Mus Balb/c  
us-09-756-398B-3

Query Match 100 %; Score 557; DB 4; Length 107;  
Best Local Similarity 100.0%; Pred. No. 6.6e-46;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILITQSPAILSVPGERVSFSCRASQTVGSSSIHWYQORTNGSPRLIIVKASESMSGIPS 60  
Db 1 DILITQSPAILSVPGERVSFSCRASQTVGSSSIHWYQORTNGSPRLIIVKASESMSGIPS 60

Qy 61 RFSGSGSGTDFLISINTVSESDIADTYCQOSHWSWPFTGSGTNLLEVK 107  
Db 61 RFSGSGSGTDFLISINTVSESDIADTYCQOSHWSWPFTGSGTNLLEVK 107

RESULT 8  
US-08-232-001B-40  
i Sequence 40, Application US/08232081B  
; GENERAL INFORMATION:  
; APPLICANT: NAKATANI, TOMOYUKI  
; APPLICANT: GOMI, HIDEYUKI  
; APPLICANT: WIJDENES, JOHN  
; APPLICANT: NOGUCHI, HIROSHI  
; TITLE OF INVENTION: HUMANIZED B-B10  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEES: BIRCH, STEWART, KOLASCH AND BIRCH  
; STREET: PO BOX 747  
; CITY: FALLS CHURCH  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22040-0747  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/232,081B  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SVENSSON, LEONARD R  
; REGISTRATION NUMBER: 30,330  
; REFERENCE/DOCKET NUMBER: 20-3484  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 205-8000  
; TELEX/FAX: (703) 205-8050  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 107 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: Protein  
us-08-232-001B-40

Query Match 100 %; Score 557; DB 4; Length 107;  
Best Local Similarity 100.0%; Pred. No. 4.7e-41;  
Matches 96; Conservative 7; Mismatches 4; Indels 0; Gaps 0;

Qy 1 DILITQSPAILSVPGERVSFSCRASQTVGSSSIHWYQORTNGSPRLIIVKASESMSGIPS 60  
Db 1 DILITQSPAILSVPGERVSFSCRASQTVGSSSIHWYQORTNGSPRLIIVKASESMSGIPS 60

Qy 61 RFSGSGSGTDFLISINTVSESDIADTYCQOSHWSWPFTGSGTNLLEVK 107  
Db 61 RFSGSGSGTDFLISINTVSESDIADTYCQOSHWSWPFTGSGTNLLEVK 107

RESULT 9  
US-09-244-369B-1

Query Match 100 %; Score 502; DB 4; Length 244;  
Best Local Similarity 88.8%; Pred. No. 2.8e-40;  
Matches 95; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

Qy 1 DILITQSPAILSVPGERVSFSCRASQFVGSSSIHWYQORTNGSPRLIIVKASESMSGIPS 60  
Db 135 DILITQSPAILSVPGERVSFSCRASQFVGSSSIHWYQORTNGSPRLIIVKASESMSGIPS 194

Qy 61 RFSGSGSGTDFLISINTVSESDIADTYCQOSHWSWPFTGSGTNLLEVK 107  
Db 195 RFSGSGSGTDFLISINTVSESDIADTYCQHTNSWPFTGGTCKLEIK 241

RESULT 11  
US-07-956-399-4

Query Match 100 %; Score 502; DB 4; Length 244;  
Best Local Similarity 88.8%; Pred. No. 2.8e-40;  
Matches 95; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

Qy 1 DILITQSPAILSVPGERVSFSCRASQFVGSSSIHWYQORTNGSPRLIIVKASESMSGIPS 60  
Db 135 DILITQSPAILSVPGERVSFSCRASQFVGSSSIHWYQORTNGSPRLIIVKASESMSGIPS 194

Qy 61 RFSGSGSGTDFLISINTVSESDIADTYCQOSHWSWPFTGSGTNLLEVK 107  
Db 195 RFSGSGSGTDFLISINTVSESDIADTYCQHTNSWPFTGGTCKLEIK 241

Sequence 4, Application US/07956399  
 Patient No. 5876717  
 GENERAL INFORMATION:  
 APPLICANT: SHIMAMURA, TOSHIRO  
 APPLICANT: TAKI, SHINSUKE  
 TITLE OF INVENTION: POLYPEPTIDES CAPABLE OF BINDING TO HEAVY CHAINS OF IL-2 RECEPTORS  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
 P.C.  
 STREET: 1755 S. Jefferson Davis Highway, Suite 400  
 CITY: Arlington  
 STATE: Virginia  
 COUNTRY: U.S.A.  
 ZIP: 22202  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/956,399  
 FILING DATE: 1992/10/5  
 CLASSIFICATION: 530  
 ATTORNEY/AGENT INFORMATION:  
 NAME: OBLON, No. 5876717/man F.  
 REGISTRATION NUMBER: 24,618  
 REFERENCE/DOCKET NUMBER: 10-586-0  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220  
 TELEX: 248855 OPAT UR  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 240 amino acids  
 TYPE: AMINO ACID  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-07-956-399-2

Query Match 89.4%; Score 498; DB 2; Length 240;  
 Best Local Similarity 87.9%; Pred. No. 6,6e-40;  
 Matches 94; Conservative 8; Mismatches 5; Indels 0; Gaps 0

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 Db 2 DILITQSPAILSVPGERVSFSCRASQVSSITHMYQORTNGSPRLIKYASESMSGIPS 61

Qy 61 RPSGGSGSTDFTLISINTVSESDIADYYCQOSSHWPPTFGSGTNLKV 107  
 Db 62 RPSGGSGSTDFTLISINTVSESDIADYYCQOSSHWPPTFGSGTNLKV 108

RESULT 13  
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 Sequence 4, Application US/08326362  
 Patent No. 5720981  
 GENERAL INFORMATION:  
 APPLICANT: Bosslet, Klaus  
 APPLICANT: Seeman, Gerhard  
 APPLICANT: Dippold, Wolfgang  
 TITLE OF INVENTION: Monoclonal Anti-Ganglioside Antibody, Its Preparation and Use as a Tumortherapeutic Agent  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/326,362  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/032,863  
 FILING DATE: 17-MAR-1993  
 APPLICATION NUMBER: DE P 42 08 795.3  
 FILING DATE: 19-MAR-1993  
 ATTORNEY/AGENT INFORMATION:  
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
 P.C.  
 STREET: 1755 S. Jefferson Davis Highway, Suite 400  
 CITY: Arlington  
 STATE: Virginia  
 COUNTRY: U.S.A.

Sequence 2, Application US/07956399  
 Patient No. 5876717  
 GENERAL INFORMATION:  
 APPLICANT: SHIMAMURA, TOSHIRO  
 APPLICANT: TAKI, SHINSUKE  
 TITLE OF INVENTION: POLYPEPTIDES CAPABLE OF BINDING TO HEAVY CHAINS OF IL-2 RECEPTORS  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
 P.C.  
 STREET: 1755 S. Jefferson Davis Highway, Suite 400  
 CITY: Arlington  
 STATE: Virginia  
 COUNTRY: U.S.A.

NAME: Binaudi, Carol P.  
 REGISTRATION NUMBER: 32, 220  
 REFERENCE/DOCKET NUMBER: 02481-1276-00000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 106 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 US-08-326-362-4

Query Match 89.0%; Score 496; DB 1; Length 106;

Best Local Similarity 87.7%; Pred. No. 4.1e-40;  
 Matches 93; Conservative 9; Mismatches 4; Indels 0; Gaps 0;

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 Db 1 DILLTQSPAILSVPGERVSFCRASQFGSSIHWTQRTNGSPRLIYKASESMSGIPS 60

Qy 61 RFSGSGSGTDFTLSTINTVSESDIADYCCQQSHSWPPTFGSGTNLEV 106  
 Db 61 RFSGSGSGTDFTLSTINTVSESDIADYCCQQSHSWPPTFGSGTNLEV 106

RESULT 15  
 US-08-127-721A-4

/ Sequence 4, Application US/08127721A  
 / Patent No. 6066718

GENERAL INFORMATION:

/ APPLICANT: Hardman, No. 6066718man  
 / ATTORNEY/AGENT INFORMATION:

/ APPLICANT: Kolbinger, Frank

/ APPLICANT: Saidanha, Jose

/ TITLE OF INVENTION: Reshaped monoclonal antibodies against an

/ TITLE OF INVENTION: Immunoglobulin isotype

/ NUMBER OF SEQUENCES: 55

/ CORRESPONDENCE ADDRESS:

/ ADDRESSEE: No. 6066718artis Patent and Trademark Department

/ STREET: 59 Route 10  
 / CITY: East Hanover  
 / STATE: New Jersey  
 / COUNTRY: USA  
 / ZIP: 07936-1080

/ COMPUTER READABLE FORM:

/ MEDIUM TYPE: Floppy disk  
 / COMPUTER: IBM PC compatible

/ OPERATING SYSTEM: PC-DOS/MS-DOS  
 / SOFTWARE: PatentIn Release #1.0, Version #1.25

/ CURRENT APPLICATION DATA:

/ APPLICATION NUMBER: US/08/127/721A

/ FILING DATE: 27-SEPTEMBER-1993

/ CLASSIFICATION: 424

/ PRIOR APPLICATION DATA:

/ APPLICATION NUMBER: US 07/952,802

/ FILING DATE: 25-SEPTEMBER-1992

/ ATTORNEY/AGENT INFORMATION:

/ NAME: No. 6066718ak, Henry P.

/ REGISTRATION NUMBER: 33,200

/ REFERENCE/DOCKET NUMBER: 4-19276/A/P2/CIP

/ TELECOMMUNICATION INFORMATION:

/ TELEPHONE: (908) 277-5110

/ TELEFAX: (908) 277-4306

/ INFORMATION FOR SEQ ID NO: 4:

/ SEQUENCE CHARACTERISTICS:

/ LENGTH: 107 amino acids

/ TYPE: amino acid

/ TOPOLOGY: linear

/ MOLECULE TYPE: protein

/ US-08-127-721A-4

Query Match 88.7%; Score 494; DB 3; Length 107;

Best Local Similarity 86.9%; Pred. No. 6.5e-40;  
 Matches 93; Conservative 9; Mismatches 5; Indels 0; Gaps 0;

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 Db 1 DILLTQSPAILSVPGERVSFCRASQFGSSIHWTQRTNGSPRLIYKASESMSGIPS 60

Qy 61 RFSGSGSGTDFTLSTINTVSESDIADYCCQQSHSWPPTFGSGTNLEV 107  
 Db 61 RFSGSGSGTDFTLSTINTVSESDIADYCCQQSHSWPPTFGSGTNLEV 107



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OM protein - protein search, using sw model

Run on: February 17, 2005, 13:05:20 ; Search time 85.2212 Seconds  
(without alignments)

410.869 Million cell updates/sec

Title: US-09-766-535A-3

Perfect score: 557

Sequence: 1 DILITQSPALLSVSPGERVERS.....CQQSHSHWPPTFGSGTNLEVK 107

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1380268 seqs, 327241040 residues

Total number of hits satisfying chosen parameters: 1380268

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications\_AA:\*

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20: /cgm2\_6/ptodata/1/pubcaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
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2	557	100.0	107	9	US-09-922-703A-3		Sequence 3, Appli
3	557	100.0	107	9	US-09-766-535A-3		Sequence 3, Appli
4	557	100.0	107	9	US-09-756-161A-3		Sequence 3, Appli
5	557	100.0	107	10	US-09-398B-3		Sequence 3, Appli
6	557	100.0	107	10	US-09-857-724-3		Sequence 3, Appli
7	557	100.0	107	13	US-10-010-222-3		Sequence 3, Appli
8	557	100.0	107	13	US-10-043-450-3		Sequence 3, Appli
9	557	100.0	107	13	US-10-044-534-3		Sequence 3, Appli
10	557	100.0	107	14	US-10-043-412-3		Sequence 3, Appli
11	557	100.0	107	14	US-10-208-145-3		Sequence 3, Appli
12	557	100.0	107	14	US-10-198-845-3		Sequence 3, Appli
13	557	100.0	107	14	US-10-227-488-3		Sequence 3, Appli

## ALIGNMENTS

RESULT 1 US-09-756-301A-3

Sequence 3, Application US/09756301A  
Patent No. US2010027249A1  
GENERAL INFORMATION:  
APPLICANT: Le, Jummung  
APPLICANT: Vilcek, Jan  
APPLICANT: Daddona, Peter  
APPLICANT: Ghrayeb, John  
APPLICANT: Knight, Scott M.  
APPLICANT: Siegel, David M.  
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
FILE REFERENCE: 0975.1005-008  
CURRENT APPLICATION NUMBER: U.S. 08/324,799  
CURRENT FILING DATE: 2001-01-08  
PRIOR APPLICATION NUMBER: U.S. 09/133,119  
PRIOR FILING DATE: 1998-08-12  
PRIOR APPLICATION NUMBER: U.S. 08/570,674  
PRIOR FILING DATE: 1995-12-11  
PRIOR APPLICATION NUMBER: U.S. 08/192,102  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,861  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,093  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/010,406  
PRIOR FILING DATE: 1993-01-29  
PRIOR APPLICATION NUMBER: U.S. 08/013,413  
PRIOR FILING DATE: 1993-02-02  
PRIOR APPLICATION NUMBER: U.S. 07/943,852  
PRIOR FILING DATE: 1992-09-11  
PRIOR APPLICATION NUMBER: U.S. 07/853,606  
PRIOR FILING DATE: 1992-03-18

PRIOR APPLICATION NUMBER: U.S.07/670,827  
 PRIOR FILING DATE: 1991-03-18  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 3  
 LENGTH: 107  
 TYPE: PRT  
 ORGANISM: Mus Balb/c  
 us-09-756-301A-3

Query Match 100.0%; Score 557; DB 9; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 SEQ ID NO 3  
 LENGTH: 107  
 TYPE: PRT  
 ORGANISM: Mus Balb/c  
 us-09-756-301A-3

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RESULT 3  
 US-09-766-535a-3  
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 Db 1 DILITQSPAILSVPGERVSFSCRAQSGSSITHWYQORTNGSPRLIYKAYASEMSGTIPS 60  
 Qy 61 RFSGGGSGTDDFTLSINTVSESDIADYYCQOSHSMWPTFGSGTNLEVK 107  
 Db 61 RFSGGGSGTDDFTLSINTVSESDIADYYCQOSHSMWPTFGSGTNLEVK 107

RESULT 2  
 US-09-927-703-3  
 Qy Sequence 3, Application US/09927703  
 Db Patent No. US20020105372A1  
 Qy GENERAL INFORMATION:  
 Db GENERAL INFORMATION:  
 Qy / APPLICANT: Le, Junning  
 Db / APPLICANT: Le, Junning  
 Qy / APPLICANT: Vilcek, Jan  
 Db / APPLICANT: Vilcek, Jan  
 Qy / APPLICANT: Daddona, Peter  
 Db / APPLICANT: Daddona, Peter  
 Qy / APPLICANT: Ghrayeb, John  
 Db / APPLICANT: Ghrayeb, John  
 Qy / APPLICANT: Knight, David M.  
 Db / APPLICANT: Knight, David M.  
 Qy / APPLICANT: Siegel, Scott  
 Db / APPLICANT: Siegel, Scott  
 Qy TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 Db TITLE OF INVENTION: Human Tumor Necrosis Factor  
 Qy FILE REFERENCE: 0975.1005-010  
 Db FILE REFERENCE: 0975.1005-010  
 Qy CURRENT APPLICATION NUMBER: US/09/766,535A  
 Db CURRENT APPLICATION NUMBER: US/09/766,535A  
 Qy / PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 Db / PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 Qy / PRIOR FILING DATE: 1998-08-12  
 Db / PRIOR FILING DATE: 1998-08-12  
 Qy / PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 Db / PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 Qy / PRIOR FILING DATE: 1995-12-11  
 Db / PRIOR FILING DATE: 1995-12-11  
 Qy / PRIOR APPLICATION NUMBER: U.S. 08/324,799  
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 Qy / PRIOR FILING DATE: 1994-10-18  
 Db / PRIOR FILING DATE: 1994-10-18  
 Qy / PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 Db / PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 Qy / PRIOR FILING DATE: 1994-02-04  
 Db / PRIOR FILING DATE: 1994-02-04  
 Qy / PRIOR APPLICATION NUMBER: U.S. 08/192,861  
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 Qy / PRIOR FILING DATE: 1994-02-04  
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 Qy / PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 Db / PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 Qy / PRIOR FILING DATE: 1994-02-04  
 Db / PRIOR FILING DATE: 1994-02-04  
 Qy / SEQ ID NO 3  
 Db / SEQ ID NO 3  
 Qy SOFTWARE: FastSEQ for Windows Version 4.0  
 Db SOFTWARE: FastSEQ for Windows Version 4.0  
 Qy LENGTH: 107  
 Db LENGTH: 107  
 Qy / TYPE: PRT  
 Db / TYPE: PRT  
 Qy / ORGANISM: Mus Balb/c  
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 Qy US-09-766-535a-3  
 Db US-09-766-535a-3

Query Match 100.0%; Score 557; DB 9; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 4  
 US-09-756-161A-3  
 Qy Sequence 3, Application US/09756161A

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; Patent No. US20020132307A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghrayeb, John M.
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-007
; CURRENT APPLICATION NUMBER: US/09/756.161A
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1993-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-756.161A-3

Query Match          100.0%; Score 557; DB 9; Length 107
Best Local Similarity 100.0%; Pred. No. 6.8e-45; Matches 107; Mismatches 0; Indel 0
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Qy          61 RFSGSGGGTDTFLSIVNTVSELDADYTCQSHWPPTFGSGTNLE
Db          61 RFSGSGGGTDTFLSIVNTVSELDADYTCQSHWPPTFGSGTNLE

RESULT 5
US-09-756.398B-3
; Sequence 3, Application US/09756398B
; Publication No. US20030017584A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghrayeb, John M.
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: U.S. 09/756.398B
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119

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// PRIORITY APPLICATION NUMBER: U.S. 08/570,674
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// PRIORITY FILING DATE: 1994-02-04
// PRIORITY APPLICATION NUMBER: U.S. 08/192,861
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// PRIORITY FILING DATE: 1994-02-04
// PRIORITY APPLICATION NUMBER: U.S. 08/010,406
// PRIORITY FILING DATE: 1993-01-29
// PRIORITY APPLICATION NUMBER: U.S. 08/013,413
// PRIORITY FILING DATE: 1993-02-02
// PRIORITY APPLICATION NUMBER: U.S. 07/943,852
// PRIORITY FILING DATE: 1992-09-11
// PRIORITY APPLICATION NUMBER: U.S. 07/853,606
// PRIORITY FILING DATE: 1992-03-18
// PRIORITY APPLICATION NUMBER: U.S. 07/670,827
// PRIORITY FILING DATE: 1991-03-18
// NUMBER OF SEQ ID NOS: 19
// SOFTWARE: fastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 107
TYPE: PRT
ORGANISM: Mus Balb/c
US-09-756-98B-3

Query Match 100 %; Score 557
Best Local Similarity 100 %; Pred. No.
Matches 107; Conservative 0, Mismatched 0

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Db 1 DILITQSPAILSINTVSESDIADYTCQQ
Qy 61 RFSGSGSGTDFTLISINTVSESDIADYTCQQ
Db 61 RFSGSGSGTDFTLISINTVSESDIADYTCQQ

RESULT 6
US-09-897-724-3
Sequence 3, Application US/09897724
Publication No. US20030175837A1
GENERAL INFORMATION:
APPLICANT: Le, Jumming
APPLICANT: Vilcek, Jan
APPLICANT: Daddona, Peter
APPLICANT: Chrayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION: Anti-TNF Antibodies as
TITLE OF INVENTION: Human Tumor Necrosis
FILE REFERENCE: 0375-1005-012
CURRENT APPLICATION NUMBER: US/09/897,724
CURRENT FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: U.S. 08/192,093
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/010,406
PRIOR FILING DATE: 1993-01-29
PRIOR APPLICATION NUMBER: U.S. 08/013,413
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: U.S. 07/943,852
PRIOR FILING DATE: 1992-09-11
PRIOR APPLICATION NUMBER: U.S. 07/670,827
PRIOR FILING DATE: 1991-03-18
NUMBER OF SEQ ID NOS: 19
SOFTWARE: fastSEQ for Windows Version 4.0
SEQ ID NO 3

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LENGTH: 107  
 TYPE: PRT  
 ORGANISM: Mus Balb/c  
 US-09-897-724-3

Query Match 100.0%; Score 557; DB 10; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 1 DILLTOSPAIISVSPBERVSPIRVSPIRASQFVSSIIHWYQORTNGSPPIRKYASEMSMGIPS 60

Qy 61 RFSGSGSGTGTDFTLISNTVESEDIAIDYCCQSHSWPFTFGSGTNLEVK 107  
 Db 61 RFSGSGSGTGTDFTLISNTVESEDIAIDYCCQSHSWPFTFGSGTNLEVK 107

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US-10-010-229-3

Sequence 3, Application US/10010229  
 Publication No. US20114805A1

GENERAL INFORMATION:

APPLICANT: Le, Junming  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter  
 APPLICANT: Ghrayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott

TITLE OF INVENTION: Human Tumor Necrosis Factor

FILE REFERENCE: 0975.1.005-013

CURRENT APPLICATION NUMBER: US/10/010.229  
 CURRENT FILING DATE: 2001-12-07  
 PRIOR FILING NUMBER: US/09/927.703

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 3  
 LENGTH: 107  
 TYPE: PRT  
 ORGANISM: Mus Balb/c  
 US-10-043-450-3

Query Match 100.0%; Score 557; DB 13; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

**RESULT 9**

US-10-044-534-3

Sequence 3, Application US/10044534  
 Publication No. US201014619A1

GENERAL INFORMATION:

APPLICANT: Le, Junming  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter  
 APPLICANT: Ghrayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott

TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor

CURRENT APPLICATION NUMBER: US/10/044.534  
 CURRENT FILING DATE: 2004-01-10  
 PRIOR APPLICATION NUMBER: 0975.1005-013  
 PRIOR FILING DATE: 2001-08-10  
 PRIOR APPLICATION NUMBER: U.S. 09/756,398  
 PRIOR FILING DATE: 2001-01-08  
 PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 PRIOR FILING DATE: 1998-08-12  
 PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 PRIOR FILING DATE: 1995-12-11  
 PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 PRIOR FILING DATE: 1994-10-18  
 PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 PRIOR FILING DATE: 1993-01-29  
 PRIOR FILING DATE: 1993-02-02  
 PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 PRIOR FILING DATE: 1992-09-11  
 PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 PRIOR FILING DATE: 1992-03-18  
 PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 NUMBER OF SEQ ID NOS: 19  
 SEQ ID NO 3  
 LENGTH: 107  
 TYPE: PRT  
 ORGANISM: Mus Balb/c  
 US-10-043-450-3

Query Match 100.0%; Score 557; DB 13; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

**RESULT 8**

US-10-043-450-3

Sequence 3, Application US/10043450  
 Publication No. US2010141996A1

GENERAL INFORMATION:

APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter  
 APPLICANT: Ghrayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott

TITLE OF INVENTION: Human Tumor Necrosis Factor

CURRENT APPLICATION NUMBER: U.S. 08/570,674  
 CURRENT FILING DATE: 1995-12-11  
 PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 PRIOR FILING DATE: 1994-10-18

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; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-10-043-432-3

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Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 DILITQSPAILSVPGRVSPCRASQFGSSIIHWYQORTNGSPRLIKYASEMSGIPS 60
; RESULT 11
; US-10-208-145-3
; Sequence 3, Application US/10208145
; Publication No. US2003013395A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghrayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott M.
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/208,145
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/132,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/152,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Prior application data removed - See File Wrapper or PAML.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-10-208-145-3

Query Match 100.0%; Score 557; DB 14; Length 107;

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Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Publication No. US20030147891A1

GENERAL INFORMATION:

APPLICANT: Le, Junning

APPLICANT: Vilcek, Jan

APPLICANT: Daddona, Peter

APPLICANT: Ghrayeb, John

APPLICANT: Knight, David M.

APPLICANT: Siebel, Scott

TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

TITLE OF INVENTION: Human Tumor Necrosis Factor

CURRENT APPLICATION NUMBER: US/10/227,488

CURRENT FILING DATE: 2002-08-23

PRIOR APPLICATION NUMBER: US. 09/766,535

PRIOR FILING DATE: 2001-01-18

PRIOR APPLICATION NUMBER: US. 09/133,119

PRIOR FILING DATE: 1998-08-12

PRIOR APPLICATION NUMBER: US. 08/570,674

PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: US. 08/324,799

PRIOR FILING DATE: 1994-10-18

PRIOR APPLICATION NUMBER: US. 08/192,102

PRIOR FILING DATE: 1994-04-04

PRIOR APPLICATION NUMBER: US. 08/192,861

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: US. 08/192,093

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: US. 08/010,406

PRIOR FILING DATE: 1993-01-29

PRIOR APPLICATION NUMBER: US. 08/013,413

PRIOR FILING DATE: 1993-02-02

PRIOR APPLICATION NUMBER: US. 08/943,852

PRIOR FILING DATE: 1992-09-11

PRIOR APPLICATION NUMBER: US. 08/753,606

PRIOR FILING DATE: 1992-03-18

PRIOR APPLICATION NUMBER: US. 08/670,827

PRIOR FILING DATE: 1991-03-18

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

LENGTH: 107

TYPE: PRT

ORGANISM: Mus Balb/c

US-10-227-488-3

Query Match 100.0%; Score 557; DB 14; Length 107;

Best Local Similarity 100.0%; Pred. No. 6.8e-45;

PRIOR APPLICATION NUMBER: US. 08/192,093

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: US. 08/010,406

PRIOR FILING DATE: 1993-01-29

PRIOR APPLICATION NUMBER: US. 08/943,852

PRIOR FILING DATE: 1992-03-18

PRIOR APPLICATION NUMBER: US. 08/670,827

PRIOR FILING DATE: 1991-03-18

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

LENGTH: 107

TYPE: PRT

ORGANISM: Mus Balb/c

US-10-198-845-3

Query Match 100.0%; Score 557; DB 14; Length 107;

Best Local Similarity 100.0%; Pred. No. 6.8e-45;

PRIOR APPLICATION NUMBER: US. 07/943,852

PRIOR FILING DATE: 1993-02-02

PRIOR APPLICATION NUMBER: US. 08/013,413

PRIOR FILING DATE: 1993-01-29

PRIOR APPLICATION NUMBER: US. 08/192,861

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: US. 08/192,093

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: US. 08/010,406

PRIOR FILING DATE: 1993-01-29

PRIOR APPLICATION NUMBER: US. 08/943,852

PRIOR FILING DATE: 1992-03-18

PRIOR APPLICATION NUMBER: US. 08/670,827

PRIOR FILING DATE: 1991-03-18

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

LENGTH: 107

TYPE: PRT

ORGANISM: Mus Balb/c

US-10-227-488-3

Sequence 3, Application US/10/187121

GENERAL INFORMATION:

APPLICANT: Le, Junning

APPLICANT: Vilcek, Jan

APPLICANT: Daddona, Peter

APPLICANT: Ghrayeb, John

APPLICANT: Knight, David M.

APPLICANT: Siebel, Scott

TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

TITLE OF INVENTION: Human Tumor Necrosis Factor

FILE REFERENCE: 0975.1005-006

CURRENT APPLICATION NUMBER: US/10/187,121

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CURRENT FILING DATE: 2002-06-28
| PRIOR APPLICATION NUMBER: US 09/756,398
| PRIOR FILING DATE: 2001-01-08
| PRIOR APPLICATION NUMBER: U.S. 09/133,119
| PRIOR FILING DATE: 1998-08-12
| PRIOR APPLICATION NUMBER: U.S. 08/570,674
| PRIOR FILING DATE: 1995-12-11
| PRIOR APPLICATION NUMBER: U.S. 08/324,799
| PRIOR FILING DATE: 1994-10-18
| PRIOR APPLICATION NUMBER: U.S. 08/192,102
| PRIOR FILING DATE: 1994-02-04
| PRIOR APPLICATION NUMBER: U.S. 08/192,861
| PRIOR FILING DATE: 1994-02-04
| PRIOR APPLICATION NUMBER: U.S. 08/192,93
| PRIOR FILING DATE: 1994-02-04
| PRIOR APPLICATION NUMBER: U.S. 08/192,102
| PRIOR FILING DATE: 1993-01-29
| PRIOR APPLICATION NUMBER: U.S. 08/013,413
| PRIOR FILING DATE: 1993-02-02
| PRIOR APPLICATION NUMBER: U.S. 07/943,852
| PRIOR FILING DATE: 1992-09-11
| PRIOR APPLICATION NUMBER: U.S. 08/010,406
| PRIOR FILING DATE: 1992-03-18
| PRIOR APPLICATION NUMBER: U.S. 07/670,827
| PRIOR FILING DATE: 1991-03-18
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 3
LENGTH: 107
TYPE: PRT
ORGANISM: Mus Balb/c
US-10-176-460-3

Query Match 100.0%; Score 557; DB 14; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 DILLTQSPAILSVPGRVSPCRASQFVGSSIHWTQRTNGSPRLIYKASEMSGIPS 60

Qy 61 RFSGSGSGTDFTLSINTVSEDIADTYCQOSHSPFTFGSGTNLEVK 107
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Query Match 100.0%; Score 557; DB 14; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 RFSGSGSGTDFTLSINTVSEDIADTYCQOSHSPFTFGSGTNLEVK 107
Db 61 RFSGSGSGTDFTLSINTVSEDIADTYCQOSHSPFTFGSGTNLEVK 107


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Search completed: February 17, 2005, 13:24:11  
Job time : 88.2212 secs

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RESULT 15
US-10-176-460-3
| Sequence 3, Application US/10176460
| Publication No. US20030176676A1
| GENERAL INFORMATION:
| | APPLICANT: Le, Jumming
| | APPLICANT: Vilcek, Jan
| | APPLICANT: Daddona, Peter
| | APPLICANT: Ghrayeb, John
| | APPLICANT: Knight, David M.
| | APPLICANT: Siegel, Scott
| | TITLE OF INVENTION: Human Tumor Necrosis Factor
| | FILE REFERENCE: 0975.1005-006
| | CURRENT FILING DATE: 2002-06-20
| | PRIOR APPLICATION NUMBER: US/09/756,398
| | PRIOR FILING DATE: 2001-01-08
| | PRIOR APPLICATION NUMBER: U.S. 09/133,119
| | PRIOR FILING DATE: 1998-08-12
| | PRIOR APPLICATION NUMBER: U.S. 08/570,674
| | PRIOR FILING DATE: 1995-12-11
| | PRIOR APPLICATION NUMBER: U.S. 08/324,799
| | PRIOR FILING DATE: 1994-10-18
| | PRIOR APPLICATION NUMBER: U.S. 08/192,102
| | PRIOR FILING DATE: 1994-02-04
| | PRIOR APPLICATION NUMBER: U.S. 08/192,861

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OM Protein - protein search, using SW mode!

Run on: February 17, 2005, 12:55:24 ; Search time 21.0619 Seconds  
(without alignments)  
421.767 Million cell updates/sec

Title: US-09-766-535A-5

Perfect score: 636

Sequence: 1 BVKLBBGGGLVQPGSMKL.....RNTYGSTYDYWGQGTTLV 119

Scoring table: BLOSUM62

Gapopen 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 1.00%  
Listing first 45 summaries

Database : Issued Patents AA:  
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2: /cgn2\_6/ptodata/1/iaa/5B\_COMB.pep:  
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Pred. No. is the number of results/predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	636	100.0	119	1	US-09-192-102-5	Sequence 5, App1
2	636	100.0	119	1	US-09-324-799-5	Sequence 5, App1
3	636	100.0	119	2	US-09-192-861A-5	Sequence 5, App1
4	636	100.0	119	3	US-09-133-119-5	Sequence 5, App1
5	636	100.0	119	3	US-09-192-093A-5	Sequence 5, App1
6	636	100.0	119	4	US-09-766-30B-5	Sequence 5, App1
7	636	100.0	119	4	US-09-756-39BB-5	Sequence 5, App1
8	519	81.6	122	3	US-08-483-749A-2	Sequence 2, App1
9	509	80.0	120	3	US-08-767-128-28	Sequence 28, App1
10	507	79.7	114	3	US-08-493-749A-10	Sequence 10, App1
11	505	79.3	119	3	US-08-767-128-26	Sequence 26, App1
12	487	76.6	242	2	US-08-224-591-14	Sequence 14, App1
13	487	76.6	242	2	US-08-392-338A-23	Sequence 23, App1
14	487	76.6	242	2	US-08-928-789-14	Sequence 14, App1
15	487	76.6	242	3	US-09-166-750-23	Sequence 23, App1
16	487	76.6	242	3	US-09-166-093-23	Sequence 23, App1
17	487	76.6	242	3	US-09-176-019-23	Sequence 23, App1
18	487	76.6	242	3	US-09-166-094-23	Sequence 23, App1
19	487	76.6	242	4	US-09-443-213-23	Sequence 23, App1
20	487	76.6	244	2	US-08-392-338A-13	Sequence 13, App1
21	487	76.6	244	3	US-09-166-750-13	Sequence 13, App1
22	487	76.6	244	3	US-09-166-093-13	Sequence 13, App1
23	487	76.6	244	3	US-09-176-019-13	Sequence 13, App1
24	487	76.6	244	3	US-09-166-094-13	Sequence 13, App1
25	487	76.6	244	4	US-09-443-213-13	Sequence 13, App1
26	487	76.6	244	5	PCT-US93-1138-14	Sequence 14, App1
27	487	76.6	250	2	US-08-392-338A-15	Sequence 15, App1

## ALIGNMENTS

RESULT 1  
US-09-192-102-5  
; Sequence 5, Application US/08192102  
; Patent No. 5656272

GENERAL INFORMATION:

APPLICANT: Le, Junming  
; Vileek, Jan  
APPLICANT: Dadonna, Peter E.  
; Ghayreb, John  
APPLICANT: Knight, David M.  
APPLICANT: Siegel, Scott A.  
TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Militia Drive  
CITY: Lexington  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/192,102  
FILING DATE: 04-FEB-1994  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/192,093  
FILING DATE: 04-FEB-1994  
APPLICATION NUMBER: US 08/013,413  
FILING DATE: 02-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/010,406  
FILING DATE: 29-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/943,852  
FILING DATE: 11-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/853,606  
FILING DATE: 18-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/670,827  
FILING DATE: 18-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Brook, David E.  
REGISTRATION NUMBER: 22,592

REFERENCE/DOCKET NUMBER: NYU93-01M3  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 861-6400  
 TELEFAX: (617) 861-9540  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 119 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-192-102-5

Query Match 100.0%; Score 636; DB 1; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 2.6e-55;  
 Matches 119; Conservative 0; Missmatches 0;  
 Indels 0; Gaps 0;

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 Db 1 EVKLESGGGVQPGGSMKLSVCAASGFFISNHMMWVRQSPERKGLEWAEIRSKSINSAT 60

Qy 61 HYAESVKGREFTISRDDSASKAVLQIQLDRTDTGUYCYSNNYGSTDYWGQSTLTVS 119  
 Db 61 HYAESVKGREFTISRDDSASKAVLQIQLDRTDTGUYCYSNNYGSTDYWGQSTLTVS 119

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RESULT 2  
 US-08-324-799-5  
 Sequence 5, Application US/08324799  
 Patent No. 5698195  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junning  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter E.  
 APPLICANT: Ghrayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott A.  
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES  
 TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02173

COMPILER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/324,799  
 FILING DATE: 18-OCT-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,093  
 FILING DATE: 04-FEB-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,102  
 FILING DATE: 04-FEB-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/010,406  
 FILING DATE: 29-JAN-1993  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 07/943,852  
 FILING DATE: 11-SEP-1992  
 PRIORITY APPLICATION DATA:

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APPLICATION NUMBER: US 07/853,606  
 FILING DATE: 18-MAR-1992  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 07/670,827  
 FILING DATE: 18-MAR-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brook, David B.  
 REGISTRATION NUMBER: 22,592  
 REFERENCE/DOCKET NUMBER: NYU93-01M4  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 861-6240  
 TELEFAX: (617) 861-9540  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 119 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-324-799-5

Query Match 100.0%; Score 636; DB 1; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 2.6e-55;  
 Matches 0; Missmatches 0;  
 Indels 0; Gaps 0;

Qy 1 EVKLESGGGVQPGGSMKLSVCAASGFFISNHMMWVRQSPERKGLEWAEIRSKSINSAT 60  
 Db 1 EVKLESGGGVQPGGSMKLSVCAASGFFISNHMMWVRQSPERKGLEWAEIRSKSINSAT 60

Qy 61 HYAESVKGREFTISRDDSASKAVLQIQLDRTDTGUYCYSNNYGSTDYWGQSTLTVS 119  
 Db 61 HYAESVKGREFTISRDDSASKAVLQIQLDRTDTGUYCYSNNYGSTDYWGQSTLTVS 119

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RESULT 3  
 US-08-192-861A-5  
 Sequence 5, Application US/08192861A  
 Patent No. 5919452  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junning  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter E.  
 APPLICANT: Ghrayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott A.  
 TITLE OF INVENTION: METHODS OF TREATING 'TNF'-MEDIATED DISEASE USING CHIMERIC ANTI-TNF ANTIBODIES (As Amended)

CORRESPONDENCE ADDRESS:  
 NUMBER OF SEQUENCES: 19  
 ZIP: 02173  
 ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02173  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/192,861A  
 FILING DATE: 04-FEB-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,093  
 FILING DATE: 04-FEB-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/013,413  
 FILING DATE: 02-FEB-1993  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/010,406  
 FILING DATE: 29-JAN-1993  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 07/943,852  
 FILING DATE: 11-SEP-1992  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 07/853,606

PATENT APPLICATION DATA:  
 PRIORITY NUMBER: US 07/670,827  
 FILING DATE: 18-MAR-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brook, David E.  
 REGISTRATION NUMBER: 22,592  
 REREFERENCE/DOCKET NUMBER: NYU93-01M2  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (781) 861-6240  
 TELEFAX: (781) 861-9540  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 119 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-192-851A-5

Query Match 100.0%; Score 636; DB 2; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 2.6e-55;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EYKLEESGGGLVQPGGSMKLSCVASGPFSNHWMWVTRQSPKGLEVAEIRSKSINSAT 60  
 Db 1 EYKLEESGGGLVQPGGSMKLSCVASGPFSNHWMWVTRQSPKGLEVAEIRSKSINSAT 60

Qy 61 HYAESTYGRFTISRDDSSEAVLQMTDRLRTBTDGVYCSRNLYGSTDYWGQGTLLTVS 119  
 Db 61 HYAESTYGRFTISRDDSSEAVLQMTDRLRTBTDGVYCSRNLYGSTDYWGQGTLLTVS 119

US-09-133-119-5

RESULT 4

US-09-133-119-5  
 Sequence 5, Application US/09133119  
 Patent No. 6277969  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junming  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter E.  
 APPLICANT: Ghrayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott A.  
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES  
 TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/133,119  
 FILING DATE:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/570,674  
 FILING DATE: 11-DEC-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/324,799  
 FILING DATE: 18-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,093  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,102  
 FILING DATE: 04-FEB-1994

PATENT APPLICATION DATA:  
 PRIORITY NUMBER: 08/192,861  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/013,413  
 FILING DATE: 02-FEB-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/010,406  
 FILING DATE: 29-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/943,852  
 FILING DATE: 11-SEP-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/853,606  
 FILING DATE: 18-MAR-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/670,827  
 FILING DATE: 18-MAR-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brook, David E.  
 REGISTRATION NUMBER: 22,592  
 REFERENCE/DOCKET NUMBER: NYU93-01M4A  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 861-9240  
 TELEFAX: (617) 861-9540  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 119 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-09-133-119-5

RESULT 5

US-08-192-093A-5  
 Sequence 5, Application US/08192093A  
 Patent No. 6284471  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junming  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter E.  
 APPLICANT: Ghrayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott A.  
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/133,119  
 FILING DATE:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/570,674  
 FILING DATE: 11-DEC-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/324,799  
 FILING DATE: 18-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,093  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/192,102  
 FILING DATE: 04-FEB-1994

APPLICATION NUMBER: US/08/192,093A  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/013,413  
 FILING DATE: 02-FEB-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/010,406  
 FILING DATE: 29-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/943,852  
 FILING DATE: 11-SEP-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/853,606  
 FILING DATE: 18-MAR-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/670,827  
 FILING DATE: 18-MAR-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brook, David E.  
 REGISTRATION NUMBER: NYU93-01M3  
 REFERENCE/DOCKET NUMBER: NYU93-01M3  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 861-6240  
 TELEFAX: (617) 861-9540  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 119 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-192-093A-5

Query Match 100.0%; Score 636; DB 3; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 2.6e-55  
 Matches 119; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 EYKLEESGGGLVQPGGSMKLSCLVASGPIESTHMMWVROSPBKGLEWAETRSKINSAT 60  
 Db 1 EYKLEESGGGLVQPGGSMKLSCLVASGPIESTHMMWVROSPBKGLEWAETRSKINSAT 60

Qy 61 HYAESVKGRFTISRDSDKSAVYLOMQLDRTEDGVYCSRNYYGTYDYGQSTTLTVS 119  
 Db 61 HYAESVKGRFTISRDSDKSAVYLOMQLDRTEDGVYCSRNYYGTYDYGQSTTLTVS 119

---

RESULT 7  
 US-09-756-301B-5  
 Sequence 5, Application US/097563983  
 Patent No. 6835823  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junning  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter  
 APPLICANT: Ghrayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott  
 TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
 FILE REFERENCE: 0975.1005-006  
 CURRENT APPLICATION NUMBER: US/09/756,398B  
 CURRENT FILING DATE: 2001-01-08  
 PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 PRIOR FILING DATE: 1998-08-12  
 PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 PRIOR FILING DATE: 1995-12-11  
 PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 PRIOR FILING DATE: 1994-02-18  
 PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 PRIOR FILING DATE: 1993-01-29  
 PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 PRIOR FILING DATE: 1993-02-02  
 PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 PRIOR FILING DATE: 1992-03-11  
 PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 PRIOR FILING DATE: 1992-03-18  
 PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 PRIOR FILING DATE: 1991-03-18  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 5  
 LENGTH: 119  
 TYPE: PRT

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APPLICATION NUMBER: US/08/192,093A  
 FILING DATE: 04-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/013,413  
 FILING DATE: 02-FEB-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/010,406  
 FILING DATE: 29-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/943,852  
 FILING DATE: 11-SEP-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/853,606  
 FILING DATE: 18-MAR-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/670,827  
 FILING DATE: 18-MAR-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brook, David E.  
 REGISTRATION NUMBER: NYU93-01M3  
 REFERENCE/DOCKET NUMBER: NYU93-01M3  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 861-6240  
 TELEFAX: (617) 861-9540  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 119 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-192-093A-5

Query Match 100.0%; Score 636; DB 3; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 2.6e-55  
 Matches 119; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 EYKLEESGGGLVQPGGSMKLSCLVASGPIESTHMMWVROSPBKGLEWAETRSKINSAT 60  
 Db 1 EYKLEESGGGLVQPGGSMKLSCLVASGPIESTHMMWVROSPBKGLEWAETRSKINSAT 60

Qy 61 HYAESVKGRFTISRDSDKSAVYLOMQLDRTEDGVYCSRNYYGTYDYGQSTTLTVS 119  
 Db 61 HYAESVKGRFTISRDSDKSAVYLOMQLDRTEDGVYCSRNYYGTYDYGQSTTLTVS 119

---

RESULT 6  
 US-09-756-301B-5  
 Sequence 5, Application US/09756301B  
 Patent No. 6750444  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junning  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter  
 APPLICANT: Ghrayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott  
 TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
 FILE REFERENCE: 0975.1005-008  
 CURRENT APPLICATION NUMBER: U.S. 09/133,119  
 CURRENT FILING DATE: 2001-01-08  
 PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 PRIOR FILING DATE: 1993-01-29  
 PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 PRIOR FILING DATE: 1993-02-02  
 PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 PRIOR FILING DATE: 1992-03-11  
 PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 PRIOR FILING DATE: 1992-03-18  
 PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 PRIOR FILING DATE: 1991-03-18  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 5  
 LENGTH: 119  
 TYPE: PRT

ORGANISM: Mus Ballb/c  
US-09-756-338B-5

Query Match 100.0% Score 636; DB 4; Length 119;  
Best Local Similarity 100.0%; Pred. No. 2.6e-55;  
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 EVKLEESCGGLYOPGGSNKLSCVASGFTFSNEMMNYTQSPEKGLENVAEIRSKSINSAT 60  
Db 1 EVKLEESCGGLYOPGGSNKLSCVASGFTFSNEMMNYTQSPEKGLENVAEIRSKSINSAT 60  
Qy 61 HYAESVKGRFTISRDSSKSAYVYLQMTDIRTEDGVVYCSRNYGTYDYGCGTTTVS 119  
Db 61 HYAESVKGRFTISRDSSKSAYVYLQMTDIRTEDGVVYCSRNYGTYDYGCGTTTVS 119

RESULT 8  
US-08-483-749A-2  
; Sequence 2, Application US/08483749A  
; Patent No. 6054561  
; GENERAL INFORMATION:  
; APPLICANT: RING, DAVID B.  
; TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY  
; TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CHIRION CORPORATION  
; STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097  
; CITY: EMERYVILLE  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94662-8097  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/483,749A  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SAYREVILLE, PAUL B.  
; REGISTRATION NUMBER: 36,914  
; REFERENCE/DOCKET NUMBER: 0508.008  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (510) 601-2585  
; TELEFAX: (510) 655-3542  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 122 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-483-749A-2

Query Match 81.6% Score 519; DB 3; Length 122;  
Best Local Similarity 81.3%; Pred. No. 8.6e-44;  
Matches 100; Conservative 8; Mismatches 9; Indels 6; Gaps 2;  
Qy 1 EVKLEESCGGLYOPGGSNKLSCVASGFTFSNEMMNYTQSPEKGLENVAEIRSKSINSAT 60  
Db 1 EVKLEESCGGLYOPGGSNKLSCVASGFTFSNEMMNYTQSPEKGLENVAEIRSKSINSAT 60  
Qy 61 HYAESVKGRFTISRDSSKSAYVYLQMTDIRTEDGVVYCSRNYGTYDYGCGTTTVS 116  
Db 61 HYAESVKGRFTISRDSSKSAYVYLQMTDIRTEDGVVYCSRNYGTYDYGCGTTTVS 118  
Qy 117 TVS 119  
Db 119 TVS 121

RESULT 9  
US-08-767-128-28  
; Sequence 28, Application US/08767128  
; Patent No. 6111079  
; GENERAL INFORMATION:  
; APPLICANT: WYLIE, DWANE E.  
; APPLICANT: LOPEZ, OSVALDO  
; APPLICANT: MURRAY, PETER JOSEPH  
; APPLICANT: GOEBEL, PETER  
; TITLE OF INVENTION: LEAD BINDING POLYPEPTIDES AND  
; TITLE OF INVENTION: NUCLEOTIDES CODING THEREFORE  
; NUMBER OF SEQUENCES: 46  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt  
; STREET: 3100 No. 6111079west Center, 90 South Seventh St  
; CITY: Minneapolis  
; STATE: MN  
; COUNTRY: USA  
; ZIP: 55402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/767,128  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 04-DEC-1996  
; FILING DATE: 04-DEC-1996  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US96/03258  
; FILING DATE: 05-JUN-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/541,373  
; FILING DATE: 10-OCT-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/462,798  
; FILING DATE: 05-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Carter, Charles G.  
; REGISTRATION NUMBER: 35,093  
; REFERENCE/DOCKET NUMBER: 8648.49USF1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 612/371-5278  
; TELEFAX: 612/332-9081  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 28:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 120 amino acids  
; TYPE: amino acid  
; STRANDBEADING: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: internal  
; ORIGINAL SOURCE:  
; US-08-767-128-28

Query Match 80.0% Score 509; DB 3; Length 120;  
Best Local Similarity 80.7%; Pred. No. 8.2e-43;  
Matches 96; Conservative 8; Mismatches 15; Indels 0; Gaps 0;  
Qy 1 EVKLEESCGGLYOPGGSNKLSCVASGFTFSNEMMNYTQSPEKGLENVAEIRSKSINSAT 60  
Db 1 EVKLEESCGGLYOPGGSNKLSCVASGFTFSNEMMNYTQSPEKGLENVAEIRSKSINSAT 60  
Qy 61 HYAESVKGRFTISRDSSKSAYVYLQMTDIRTEDGVVYCSRNYGTYDYGCGTTTVS 119  
Db 61 HYAESVKGRFTISRDSSKSAYVYLQMTDIRTEDGVVYCSRNYGTYDYGCGTTTVS 119  
Qy 61 HYAESVKGRFTISRDSSKSAYVYLQMTDIRTEDGVVYCSRNYGTYDYGCGTTTVS 119  
Db 61 HYAESVKGRFTISRDSSKSAYVYLQMTDIRTEDGVVYCSRNYGTYDYGCGTTTVS 119

RESULT 10  
 US-08-483-749A-10  
 Sequence 10, Application US/08483749A  
 Patent No. 6054561  
 GENERAL INFORMATION:  
 APPLICANT: RING, DAVID B.  
 TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY  
 MOLECULES SPECIFIC FOR CANCER ANTIGENS  
 NUMBER OF SEQUENCES: 33  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: CHIRON CORPORATION  
 STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097  
 CITY: EMERYVILLE  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 94662-8097  
 COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/483,749A  
 FILING DATE: 07-JUN-1995  
 CLASSIFICATION: 536  
 ATTORNEY/AGENT INFORMATION:  
 NAME: SAVEREIDE, PAUL B.  
 REGISTRATION NUMBER: 36,914  
 REFERENCE/DOCKET NUMBER: 0508.008  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (510) 601-2585  
 TELEFAX: (510) 655-3542  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 114 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-483-749A-10

Query Match Best Local Similarity 79.7%; Score 507; DB 3; Length 114;  
 Matches 95; Conservative 10; Mismatches 8; Indels 6; Gaps 1;  
 Qy 1 EYKLEESGGGLVQPGGSMKLSCLVVASGPRIFSHMMWVRSQSPKGLEWAIRSKSINSAT 60  
 Db 1 EYKLEESGGGLVQPGGSMKLSCLVVASGPRIFSHMMWVRSQSPKGLEWAIRSKSINSAT 60  
 Qy 61 HYAESVKGRFTISRDSDKSSAVYLQMTDLRTDTGIVYCSRNAYGSGTYDVGQGTUTVS 119  
 Db 61 HYAESVKGRFTISRDSDKSSAVYLQMTDLRTDTGIVYFC-----TFWDYNGRGTUTVS 113

RESULT 11  
 US-08-167-128-26  
 Sequence 26, Application US/08767128  
 Patent No. 6111079  
 GENERAL INFORMATION:  
 APPLICANT: WYLIE, DWANE E.  
 APPLICANT: LOPEZ, OSVALDO  
 APPLICANT: MURRAY, PETER JOSEPH  
 APPLICANT: GOEBEL, LEAD BINDING POLYPEPTIDES AND  
 TITLE OF INVENTION: NUCLEOTIDES CODING THEREFORE  
 NUMBER OF SEQUENCES: 46  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt  
 STREET: 3100 No. 6111079west Center, 90 South Seventh St  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA

ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/767,128  
 FILING DATE:  
 CLASSIFICATION: 424  
 PRIOR APPLICATION NUMBER:  
 APPLICATION NUMBER:  
 FILING DATE: 04-DEC-1996  
 CLASSIFICATION: 424  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/09258  
 FILING DATE: 05-JUN-1996  
 PRIOR APPLICATION NUMBER:  
 APPLICATION NUMBER: 08/541,373  
 FILING DATE: 10-OCT-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/462,798  
 FILING DATE: 05-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Carter, Charles G.  
 REGISTRATION NUMBER: 35,093  
 REFERENCE/DOCKET NUMBER: 8648-49USP1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 612/371-5278  
 TELEFAX: 612/332-9081  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 26:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 119 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE:  
 US-08-767-128-26

Query Match Best Local Similarity 79.3%; Score 504.5; DB 3; Length 119;  
 Matches 97; Conservative 7; Mismatches 14; Indels 1; Gaps 1;  
 Qy 1 EVKLEESGGGLVQPGGSMKLSCLVVASGPRIFSHMMWVRSQSPKGLEWAIRSKSINSAT 60  
 Db 1 EVKLEESGGGLVQPGGSMKLSCLVVASGPRIFSHMMWVRSQSPKGLEWAIRSKSINSAT 60  
 Qy 61 HYAESVKGRFTISRDSDKSSAVYLQMTDLRTDTGIVYCSRNAYGSGTYDVGQGTUTVS 119  
 Db 60 HYAESVKGRFTISRDSDKSSAVYLQMTDLRTDTGIVYFC-----TFWDYNGRGTUTVS 118

RESULT 12  
 US-08-224-591-14  
 Sequence 14, Application US/08224591  
 Patent No. 5856456  
 GENERAL INFORMATION:  
 APPLICANT: Whitlow, David  
 APPLICANT: Filipula, Marc  
 APPLICANT: Linker For Linked Fusion Polypeptides  
 TITLE OF INVENTION: Linker For Linked Fusion Polypeptides  
 NUMBER OF SEQUENCES: 25  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
 STREET: 1100 New York Avenue, Suite 600  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: U.S.A.  
 ZIP: 20005

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/224,591  
 FILING DATE: Herewith  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Goldstein, Jorge A.  
 REGISTRATION NUMBER: 0977.0030007  
 REFERENCE/DOCKET NUMBER: 0977.1920002/JAG  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2540  
 TELEFAX: (202) 371-2600  
 INFORMATION FOR SEQ ID NO: 14:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 242 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-224-591-14

Query Match 76.6%; Score 487; DB 2; Length 242;  
 Best Local Similarity 74.8%; Pred. No. 2.7e-10; Indels 2; Gaps 1;  
 Matches 89; Conservative 16; Mismatches 12; Gaps 1;

RESULT 13  
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 ; Sequence 23, Application US/08392338A  
 ; Patent No. 5859620  
 GENERAL INFORMATION:  
 APPLICANT: Whitlow, Marc  
 APPLICANT: Wood, James P.  
 APPLICANT: Hardman, Karl  
 APPLICANT: Bird, Robert  
 APPLICANT: Filipula, David  
 TITLE OF INVENTION: Multi-Livalent Antigen-Binding Proteins  
 NUMBER OF SEQUENCES: 23  
 CORRESPONDENCE ADDRESS:  
 ADDRESSER: Stern, Kessler, Goldstein & Fox P.L.C.  
 STREET: 1100 New York Avenue, NW  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: U.S.A.  
 ZIP: 20005

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/392,338A  
 FILING DATE: 22-FEB-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/989, 846  
 FILING DATE: 20-NOV-1992

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/796, 936  
 FILING DATE: 25-NOV-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Goldstein, Jorge A.  
 REGISTRATION NUMBER: 29,021  
 REFERENCE/DOCKET NUMBER: 0977.0030007  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2600  
 TELEFAX: (202) 371-2540  
 INFORMATION FOR SEQ ID NO: 23:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 242 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-392-338A-23

Query Match 76.6%; Score 487; DB 2; Length 242;  
 Best Local Similarity 74.8%; Pred. No. 2.7e-40; Indels 2; Gaps 1;  
 Matches 89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;

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Qy 61 HYABSYKGRFTISRDDSNSAVYLQMTDLRTDTGTVYCSRNYGSTDYMQGTTLTVS 119  
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RESULT 14  
 US-08-926-789-14  
 Sequence 14, Application US/08926789  
 ; Patent No. 5990275  
 GENERAL INFORMATION:  
 APPLICANT: Whitlow, Marc  
 APPLICANT: Filipula, David  
 TITLE OF INVENTION: Linked Fusion Polypeptides  
 NUMBER OF SEQUENCES: 25  
 CORRESPONDENCE ADDRESS:  
 ADDRESSER: Sterns, Kassler, Goldstein & Fox  
 STREET: 1100 New York Avenue, Suite 600  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: U.S.A.  
 ZIP: 20005

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC Compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
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 APPLICATION NUMBER: US/08/926,789  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/224,591  
 FILING DATE:  
 APPLICATION NUMBER: US 08/002,845  
 FILING DATE: 15-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/980,529  
 FILING DATE: 20-NOV-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Goldstein, Jorge A.  
 REGISTRATION NUMBER: 29,021  
 REFERENCE/DOCKET NUMBER: 0977.1920002/JAG  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2600  
 TELEFAX: (202) 371-2540  
 INFORMATION FOR SEQ ID NO: 14:  
 SEQUENCE CHARACTERISTICS:

LENGTH: 242 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-926-789-14

Query Match 76.6%; Score 487; DB 3; Length 242;  
 Best Local Similarity 74.8%; Pred. No. 2.7e-40;  
 Matches 89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;

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 Matches 89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;

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Qy 61 HYAESYKGKPFITSRDDSKSAYVQLQMTDLRBTGTYKCSRNYYGSTDYWGQSTTLIVS 119  
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Qy 61 HYAESYKGKPFITSRDDSKSAYVQLQMTDLRBTGTYKCSRNYYGSTDYWGQSTTLIVS 119  
 Db 186 YYSPSKVGRFTISRDSSKSVYLQMNRLVEDNGIYCTGSTYG-MDYWGQSTSVTVS 242

Search completed: February 17, 2005, 13:08:22  
 Job time : 22.0619 secs

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RESULT 15  
 US-09-166-750-23

Sequence 23, Application US/09166750  
 Patent No. 6025165

GENERAL INFORMATION:

APPLICANT: Whittlow, Marc  
 APPLICANT: Wood, James F.  
 APPLICANT: Hardman, Karl  
 APPLICANT: Fird, Robert  
 APPLICANT: Filipula, David  
 APPLICANT: Rollence, Michelle

TITLE OF INVENTION: Methods For Producing Multivalent Antigen-Binding  
 NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:  
 ADDRESSEES: Stern, Kessler, Goldstein & Fox P.L.L.C.  
 STREET: 1100 New York Avenue, NW  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: U.S.A.  
 ZIP: 20005

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/166,750  
 FILING DATE: 20-NOV-1992  
 HEREWITH

CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/392,338  
 FILING DATE: 22-FEB-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/989,846  
 FILING DATE: 20-NOV-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/796,936  
 FILING DATE: 25-NOV-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Goldstein, Jorge A.  
 REGISTRATION NUMBER: 29,021  
 REFERENCE/DOCKET NUMBER: 0977.003000C  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2600  
 TELEFAX: (202) 371-2540  
 INFORMATION FOR SEQ ID NO: 23:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 242 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-09-166-750-23

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OM protein - protein search, using sw model

Run on: February 17, 2005, 13:05:20 ; Search time 94.7788 Seconds (without alignments)

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Title: US-09-766-535A-5

Perfect score: 636

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Scoring table: GapOp 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 1380268

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing First 45 summaries

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20: /cgn2\_6/\_picodeata\_1/\_pubpaa/\_US60\_PUBCOMB.pep:  
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Query	Match	Length	DB ID	Description
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2	636 100.0	119	9	US-09-756-301A-5	Sequence 5, Appli
3	636 100.0	119	9	US-09-756-301A-5	Sequence 5, Appli
4	636 100.0	119	9	US-09-756-301A-5	Sequence 5, Appli
5	636 100.0	119	10	US-09-756-398B-5	Sequence 5, Appli
6	636 100.0	119	10	US-09-756-398B-5	Sequence 5, Appli
7	636 100.0	119	13	US-10-010-229-0	Sequence 5, Appli
8	636 100.0	119	13	US-10-043-450-5	Sequence 5, Appli
9	636 100.0	119	13	US-10-044-534-5	Sequence 5, Appli
10	636 100.0	119	14	US-10-043-432-5	Sequence 5, Appli
11	636 100.0	119	14	US-10-145-45	Sequence 5, Appli
12	636 100.0	119	14	US-10-198-845-5	Sequence 5, Appli
13	636 100.0	119	14	US-10-227-488-5	Sequence 5, Appli

RESULT 1  
US-09-756-301A-5

; Sequence 5, Application US/09756301A  
; Patent No. US2001027249A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Jumming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghrayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-008  
; CURRENT APPLICATION NUMBER: U.S. 08/324,799  
; CURRENT FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18

PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 PRIOR FILING DATE: 1991-03-18  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 5  
 LENGTH: 119  
 TYPE: PRT  
 ORGANISM: Mus Balb/c  
 US-09-756-391A-5

Query Match 100.0%; Score 636; DB 9; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-49;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 1 EVKLEBESGGLYQPGSMKLSVAVASGFTFSNEWMNVROSPEKGLEWAEIRSKSINSAT 60

Qy 61 HYAESVKGRAFTISRDSSKSAVYLQMTDLRTDTGTYCSRNYYGSTDYWGQGTLLTVS 119  
 Db 61 HYAESVKGRAFTISRDSSKSAVYLQMTDLRTDTGTYCSRNYYGSTDYWGQGTLLTVS 119

RESULT 3  
 US-09-766-535A-5  
 ; Sequence 5, Application US/09766535A  
 ; Patent No. US20020106372A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Jummung  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Ghrayeb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Human Tumor Necrosis Factor

RESULT 4  
 US-09-927-703-5  
 ; Sequence 5, Application US/09927703  
 ; Patent No. US200202720A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Jummung  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Ghrayeb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Human Tumor Necrosis Factor  
 ; FILE REFERENCE: 0975-013  
 ; CURRENT APPLICATION NUMBER: US/09/927,703  
 ; CURRENT FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: U.S. 09/756,398  
 ; PRIOR FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-04-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 ; PRIOR FILING DATE: 1992-03-18  
 ; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 5  
 ; LENGTH: 119  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-09-766-535A-5

Query Match 100.0%; Score 636; DB 9; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-49;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 1 EVKLEBESGGLYQPGSMKLSVAVASGFTFSNHNMWVROSPEKGLEWAEIRSKSINSAT 60

Qy 61 HYAESVKGRAFTISRDSSKSAVYLQMTDLRTDTGTYCSRNYYGSTDYWGQGTLLTVS 119  
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RESULT 4  
 US-09-756-161A-5  
 ; Sequence 5, Application US/09756161A

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 Best Local Similarity 100.0%; Pred. No. 1.1e-49;

US-09-927-703-5

Patent No. US20020132307A1  
GENERAL INFORMATION:  
APPLICANT: Le, Jumming  
APPLICANT: Vilcek, Jan  
APPLICANT: Daddona, Peter  
APPLICANT: Ghrayeb, John  
APPLICANT: Knight, David M.  
APPLICANT: Siegel, Scott M.  
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
TITLE OF INVENTION: Human Tumor Necrosis Factor  
FILE REFERENCE: 0975-1005-007  
CURRENT APPLICATION NUMBER: US/09/756,161A  
CURRENT FILING DATE: 2001-01-08  
PRIOR APPLICATION NUMBER: U.S. 09/133,119  
PRIOR FILING DATE: 1998-08-12  
PRIOR APPLICATION NUMBER: U.S. 08/570,674  
PRIOR FILING DATE: 1995-12-11  
PRIOR APPLICATION NUMBER: U.S. 08/324,799  
PRIOR FILING DATE: 1994-10-18  
PRIOR APPLICATION NUMBER: U.S. 08/192,102  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,861  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,093  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/010,406  
PRIOR FILING DATE: 1993-01-29  
PRIOR APPLICATION NUMBER: U.S. 08/013,413  
PRIOR FILING DATE: 1993-02-02  
PRIOR APPLICATION NUMBER: U.S. 07/943,852  
PRIOR FILING DATE: 1992-09-11  
PRIOR APPLICATION NUMBER: U.S. 07/853,606  
PRIOR FILING DATE: 1992-03-18  
PRIOR APPLICATION NUMBER: U.S. 07/670,827  
NUMBER OF SEQ ID NOS: 19  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 119  
TYPE: PRT  
ORGANISM: Mus balb/c

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05-09-756-161A-5

Query Match          100.0%; Score 636; DB 9; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-40;
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RESULT 5
US-09-756-398B-5
; Sequence 5, Application US/09756398B
; Publication No. US20030175841
; GENERAL INFORMATION:
; APPLICANT: Le, Jummung
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Chrayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/09/756,398B
; CURRENT FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: US/09/756,398B
; PRIOR FILING DATE: 2001-01-09
; US/09/756-161A-5

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; PRIORITY FILING DATE: 1998-08-12
; PRIORITY APPLICATION NUMBER: U.S. 08/570,674
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; PRIORITY FILING DATE: 1992-09-11
; PRIORITY APPLICATION NUMBER: U.S. 07/853,606
; PRIORITY FILING DATE: 1992-03-18
; PRIORITY APPLICATION NUMBER: U.S. 07/670,827
; PRIORITY FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
; ORG-9-756-398B-5

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Best Local Similarity 100.0% Pred. No.
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Db 1 EYKLBESGGGVQPGGSMKLSVCAVSGGPFPS

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; APPLICANT: Le, Jiuming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Chrayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies as
; TITLE OF INVENTION: Human Tumor Necrosis
; FILE REFERENCE: 0975-1005-012
; CURRENT APPLICATION NUMBER: US/09/897,724
; CURRENT FILING DATE: 2001-07-02
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; PRIORITY APPLICATION NUMBER: U.S. 08/010,406
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; PRIORITY APPLICATION NUMBER: U.S. 07/943,852
; PRIORITY FILING DATE: 1992-09-11
; PRIORITY APPLICATION NUMBER: U.S. 08/303-03-18
; PRIORITY FILING DATE: 1992-03-18
; PRIORITY APPLICATION NUMBER: U.S. 07/670,827
; PRIORITY FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 5

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LENGTH: 119  
 TYPE: PRT  
 ORGANISM: Mus Balb/c  
 US-09-897-724-5

Query Match 100.0%; Score 636; DB 10; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-19;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVKLEESGGLVQPGGSMKLSCVASGFTFSNHWNNWVQSPKGLEWAEIRSKSINSAT 60  
 Db 1 EVKLEESGGLVQPGGSMKLSCVASGFTFSNHWNNWVQSPKGLEWAEIRSKSINSAT 60

Qy 61 HYAESVKGKFTISRDDSKSAYVLOQMTDLRTDTGTYCSCRNYGSTYDYGQGTLLTVS 119  
 Db 61 HYAESVKGKFTISRDDSKSAYVLOQMTDLRTDTGTYCSCRNYGSTYDYGQGTLLTVS 119

RESULT 7  
 US-10-010-229-5  
 / Sequence 5, Application US/10010229  
 / Publication No. US20020114805A1  
 / GENERAL INFORMATION  
 / APPLICANT: Le, Jummung  
 / APPLICANT: Vilcek, Jan  
 / APPLICANT: Daddona, Peter  
 / APPLICANT: Ghrayeb, John  
 / APPLICANT: Knight, David M.  
 / APPLICANT: Siegel, Scott  
 / TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 / TITLE OF INVENTION: Human Tumor Necrosis Factor  
 / FILE REFERENCE: 0975.1005-013  
 / CURRENT APPLICATION NUMBER: US/10/010/229  
 / CURRENT FILING DATE: 2001-12-07  
 / PRIOR APPLICATION NUMBER: US/09/927,703  
 / PRIOR FILING DATE: 2001-08-10  
 / NUMBER OF SEQ ID NOS: 19  
 / SOFTWARE: FastSEQ for Windows Version 4.0  
 / SEQ ID NO 5  
 / LENGTH: 119  
 / TYPE: PRT  
 / ORGANISM: Mus Balb/c  
 / US-10-010-229-5

Query Match 100.0%; Score 636; DB 13; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-49;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 9  
 US-10-044-534-5  
 / Sequence 5, Application US/10044534  
 / Publication No. US2002014619A1  
 / GENERAL INFORMATION  
 / APPLICANT: Le, Jummung  
 / APPLICANT: Vilcek, Jan  
 / APPLICANT: Daddona, Peter  
 / APPLICANT: Ghrayeb, John  
 / APPLICANT: Knight, David M.  
 / APPLICANT: Siegel, Scott  
 / TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 / TITLE OF INVENTION: Human Tumor Necrosis Factor  
 / FILE REFERENCE: 0975.1005-013  
 / CURRENT APPLICATION NUMBER: US/10/044,534  
 / CURRENT FILING DATE: 2002-01-10  
 / PRIOR APPLICATION NUMBER: US/09/927,703  
 / PRIOR FILING DATE: 2001-08-10  
 / PRIOR APPLICATION NUMBER: US/09/756,398  
 / PRIOR FILING DATE: 2001-01-08  
 / PRIOR APPLICATION NUMBER: US/09/133,119  
 / PRIOR FILING DATE: 1998-08-12  
 / PRIOR APPLICATION NUMBER: US/08/570,674  
 / PRIOR FILING DATE: 1995-12-11  
 / PRIOR APPLICATION NUMBER: US/08/570,674  
 / PRIOR FILING DATE: 1994-10-18  
 / PRIOR APPLICATION NUMBER: US/08/192,102  
 / PRIOR FILING DATE: 1994-02-04  
 / PRIOR APPLICATION NUMBER: US/08/192,861  
 / PRIOR FILING DATE: 1994-02-04  
 / PRIOR APPLICATION NUMBER: US/08/192,093  
 / PRIOR FILING DATE: 1994-02-04  
 / PRIOR APPLICATION NUMBER: US/08/010,406  
 / PRIOR FILING DATE: 1993-01-29  
 / PRIOR APPLICATION NUMBER: US/07/943,413  
 / PRIOR FILING DATE: 1992-03-11  
 / PRIOR APPLICATION NUMBER: US/07/853,606  
 / PRIOR FILING DATE: 1992-03-18  
 / PRIOR APPLICATION NUMBER: US/07/670,827  
 / PRIOR FILING DATE: 1991-03-18  
 / NUMBER OF SEQ ID NOS: 19  
 / SOFTWARE: FastSEQ for Windows Version 4.0  
 / SEQ ID NO 5  
 / LENGTH: 119  
 / TYPE: PRT  
 / ORGANISM: Mus Balb/c  
 / US-10-044-534-5

Query Match 100.0%; Score 636; DB 13; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-49;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVKLEESGGLVQPGGSMKLSCVASGFTFSNHWNNWVQSPKGLEWAEIRSKSINSAT 60  
 Db 1 EVKLEESGGLVQPGGSMKLSCVASGFTFSNHWNNWVQSPKGLEWAEIRSKSINSAT 60

Qy 61 HYAESVKGKFTISRDDSKSAYVLOQMTDLRTDTGTYCSCRNYGSTYDYGQGTLLTVS 119  
 Db 61 HYAESVKGKFTISRDDSKSAYVLOQMTDLRTDTGTYCSCRNYGSTYDYGQGTLLTVS 119

RESULT 8  
 US-10-044-450-5  
 / Sequence 5, Application US/100443450  
 / GENERAL INFORMATION  
 / APPLICANT: Le, Jummung  
 / APPLICANT: Vilcek, Jan  
 / APPLICANT: Daddona, Peter  
 / APPLICANT: Ghrayeb, John  
 / APPLICANT: Knight, David M.  
 / TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 / TITLE OF INVENTION: Human Tumor Necrosis Factor  
 / FILE REFERENCE: 0975.1005-013  
 / CURRENT APPLICATION NUMBER: US/10/044,450  
 / CURRENT FILING DATE: 2002-01-10  
 / PRIOR APPLICATION NUMBER: US/09/927,703  
 / PRIOR FILING DATE: 2001-08-10  
 / PRIOR APPLICATION NUMBER: US/09/756,398  
 / PRIOR FILING DATE: 2001-01-08  
 / PRIOR APPLICATION NUMBER: US/09/133,119  
 / PRIOR FILING DATE: 1998-08-12  
 / PRIOR APPLICATION NUMBER: US/08/570,674  
 / PRIOR FILING DATE: 1994-10-18  
 / PRIOR APPLICATION NUMBER: US/08/324,799  
 / PRIOR FILING DATE: 2002-01-10

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; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-10-043-432-5

Query Match 100.0%; Score 636; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EYKLEESGGGLVQPGGSMKLVASGPFISNEWMNWVQSPKGLEVAEIRSKSINSAT 60
Db 1 EYKLEESGGGLVQPGGSMKLVASGPFISNEWMNWVQSPKGLEVAEIRSKSINSAT 60

Qy 61 HYAESVKGPFITSRDDSKSAVILQMTDLRTEDTGVYCSRNYYGSTYDYGQGTITV 119
Db 61 HYAESVKGPFITSRDDSKSAVILQMTDLRTEDTGVYCSRNYYGSTYDYGQGTITV 119

RESULT 10
US-10-043-432-5
Sequence 5, Application US/10043432
Publication No. US20030054004A1
GENERAL INFORMATION
APPLICANT: Le, Junning
APPLICANT: Vilcek, Jan
APPLICANT: Daddona, Peter
APPLICANT: Ghrayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION Anti-TNF Antibodies and Peptides of
TITLE OF INVENTION Human Tumor Necrosis Factor
FILE REFERENCE: 0975-1005-006
SEQUENCE 5, Application US/10043432
Publication No. US20030054004A1
GENERAL INFORMATION
APPLICANT: Le, Junning
APPLICANT: Vilcek, Jan
APPLICANT: Daddona, Peter
APPLICANT: Ghrayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION Anti-TNF Antibodies and Peptides of
TITLE OF INVENTION Human Tumor Necrosis Factor
FILE REFERENCE: 0975-1005-013
CURRENT APPLICATION NUMBER: US/10/043,432
CURRENT FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: 09/927,703
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: U.S. 09/756,398
PRIOR FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: U.S. 09/133,119
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: U.S. 08/570,674
PRIOR FILING DATE: 1995-12-11
PRIOR APPLICATION NUMBER: U.S. 08/324,799
PRIOR FILING DATE: 1994-10-18
PRIOR APPLICATION NUMBER: U.S. 08/192,102
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,861
PRIOR APPLICATION NUMBER: U.S. 08/010,406
PRIOR APPLICATION NUMBER: U.S. 08/013,413
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,093
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,102
PRIOR FILING DATE: 1993-01-29
PRIOR APPLICATION NUMBER: U.S. 08/013,413
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: U.S. 07/943,852
PRIOR FILING DATE: 1992-09-11
Prior Application data removed - See File Wrapper or PAM.
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 5
LENGTH: 119
TYPE: PRT
ORGANISM: Mus Balb/c
US-10-208-145-5

Query Match 100.0%; Score 636; DB 14; Length 119;

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CURRENT FILING DATE: 2002-06-28
PRIORITY APPLICATION NUMBER: US 09/756,398
PRIORITY FILING DATE: 2001-01-08
PRIORITY APPLICATION NUMBER: U.S. 09/133,119
PRIORITY FILING DATE: 1998-08-12
PRIORITY APPLICATION NUMBER: U.S. 08/570,674
PRIORITY FILING DATE: 1995-12-11
PRIORITY APPLICATION NUMBER: U.S. 08/324,799
PRIORITY FILING DATE: 1994-10-18
PRIORITY APPLICATION NUMBER: U.S. 08/192,102
PRIORITY FILING DATE: 1994-02-04
PRIORITY APPLICATION NUMBER: U.S. 08/192,861
PRIORITY FILING DATE: 1994-02-04
PRIORITY APPLICATION NUMBER: U.S. 08/192,93
PRIORITY FILING DATE: 1994-02-04
PRIORITY APPLICATION NUMBER: U.S. 08/010,406
PRIORITY FILING DATE: 1993-01-29
PRIORITY APPLICATION NUMBER: U.S. 08/013,413
PRIORITY FILING DATE: 1993-02-02
PRIORITY APPLICATION NUMBER: U.S. 07/943,852
PRIORITY FILING DATE: 1992-09-11
PRIORITY APPLICATION NUMBER: U.S. 07/853,606
PRIORITY FILING DATE: 1992-03-18
PRIORITY APPLICATION NUMBER: U.S. 07/670,827
PRIORITY FILING DATE: 1991-03-18
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO: 5
LENGTH: 119
TYPE: PRT
ORGANISM: Mus Balb/c
US-10-176-460-5

Query Match 100.0%; Score 636; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

Qy 1 EYKLEESGGGLVQPGGSMKLSCVASGPIFSNHMMWVRSPEKGLEWAEIRSKSINSAT 60
Db 1 EYKLEESGGGLVQPGGSMKLSCVASGPIFSNHMMWVRSPEKGLEWAEIRSKSINSAT 60

Qy 61 HYAESVKGRTISRDDSksAVLQMDLRTEDTGTYCSANYYGSTYDYGQGTLTVS 119
Db 61 HYAESVKGRTISRDDSksAVLQMDLRTEDTGTYCSANYYGSTYDYGQGTLTVS 119

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Query Match 100.0%; Score 636; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

Qy 1 EYKLEESGGGLVQPGGSMKLSCVASGPIFSNHMMWVRSPEKGLEWAEIRSKSINSAT 60
Db 1 EYKLEESGGGLVQPGGSMKLSCVASGPIFSNHMMWVRSPEKGLEWAEIRSKSINSAT 60

Qy 61 HYAESVKGRTISRDDSksAVLQMDLRTEDTGTYCSANYYGSTYDYGQGTLTVS 119
Db 61 HYAESVKGRTISRDDSksAVLQMDLRTEDTGTYCSANYYGSTYDYGQGTLTVS 119

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RESULT 15
US-10-176-460-5
Sequence 5, Application US/10176460
Publication No. US20030176676A1
GENERAL INFORMATION
APPLICANT: Le, Junning
APPLICANT: Vilcek, Jan
APPLICANT: Daddona, Peter
APPLICANT: Ghrayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION: Human Tumor Necrosis Factor
FILE REFERENCE: 09/5.1005-006
CURRENT FILING NUMBER: US/10/176,460
PRIORITY APPLICATION NUMBER: US/09/756,398
PRIORITY FILING DATE: 2002-06-20
PRIORITY APPLICATION NUMBER: US/09/756,398
PRIORITY APPLICATION NUMBER: U.S. 09/133,119
PRIORITY FILING DATE: 1998-08-12
PRIORITY APPLICATION NUMBER: U.S. 08/570,674
PRIORITY FILING DATE: 1995-12-11
PRIORITY APPLICATION NUMBER: U.S. 08/324,799
PRIORITY FILING DATE: 1994-10-18
PRIORITY APPLICATION NUMBER: U.S. 08/192,102
PRIORITY FILING DATE: 1994-02-04
PRIORITY APPLICATION NUMBER: U.S. 08/192,861

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